Title (en)

SYSTEMS AND METHODS FOR DEPLOYING, CONTROLLING, AND MANAGING WIRELESS COMMUNICATION EQUIPMENT

Title (de)

VERFAHREN UND SYSTEM ZUM EINSETZEN, STEUERN UND VERWALTEN EINER DRAHTLOSKOMMUNIKATIONSVORRICHTUNG

Title (fr)

SYSTÈMES ET PROCÉDÉS DE DÉPLOIEMENT, DE CONTRÔLE ET DE GESTION D'UN ÉQUIPEMENT DE COMMUNICATION SANS FIL

Publication

EP 2992704 A4 20161102 (EN)

Application

EP 14768617 A 20140310

Priority

- US 201313833398 A 20130315
- US 2014022536 W 20140310

Abstract (en)

[origin: US2014274184A1] Systems and methods are provided for analyzing radio frequency (RF) data. RF data is received from one or more RF sensors, wherein the RF data is collected over a particular frequency range and resolution bandwidth. One or more frequencies not in use are determined based on the RF data and a signal level threshold. One or more recommended frequencies for use are calculated based on the one or more open frequencies and an intermodulation function, wherein each of the one or more recommended frequencies reduces a potential for intermodulation distortion than other frequencies in the frequency range.

IPC 8 full level

H04W 24/02 (2009.01); **H04W 36/20** (2009.01)

CPC (source: EP US)

H04B 1/0003 (2013.01 - US); **H04W 24/02** (2013.01 - EP US); **H04W 48/16** (2013.01 - EP US)

Citation (search report)

- [A] US 2012108282 A1 20120503 - LI JUNYI [US], et al
- [A] US 2003036357 A1 20030220 - MCGOWAN STEVEN B [US]
- [A] EP 1282336 A2 20030205 - GRUNDIG AG [DE]
- [A] US 2010124886 A1 20100520 - FORDHAM BRADLEY S [US], et al
- See references of WO 2014150192A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

US 2014274184 A1 20140918; **US 9386510 B2 20160705**; EP 2992704 A2 20160309; EP 2992704 A4 20161102; EP 2992704 B1 20190508; WO 2014150192 A2 20140925; WO 2014150192 A3 20141224

DOCDB simple family (application)

US 201313833398 A 20130315; EP 14768617 A 20140310; US 2014022536 W 20140310